

NRC FORM 114
(5-90)
NRCM 4108

U.S. NUCLEAR REGULATORY COMMISSION

CAREER OPPORTUNITY ANNOUNCEMENT

DO NOT REMOVE POSTING

AN EQUAL OPPORTUNITY EMPLOYER. CANDIDATES WILL BE CONSIDERED WITHOUT DISCRIMINATION FOR ANY NONMERIT REASON SUCH AS RACE, COLOR, RELIGION, SEX, NATIONAL ORIGIN, POLITICAL AFFILIATION, MARITAL STATUS, PHYSICAL OR MENTAL HANDICAPS, AGE, OR MEMBERSHIP IN AN EMPLOYEE ORGANIZATION.

POSITION TITLE Electronics Eng (Digital I&C)		ANNOUNCEMENT NUMBER R0150029	DATES 03/26/01	OPENING O-U-F	CLOSING (Close of business) 03/30/02	EXPIRATION (For "Open Until Filled" vacancies remove posting on this date)
SERIES 0855	GRADE GG-14	KNOWN PROMOTION POTENTIAL TO 14	AREA OF CONSIDERATION <input checked="" type="checkbox"/> NATIONWIDE <input type="checkbox"/> WASHINGTON, DC COMMUTING AREA <input type="checkbox"/> REGION COMMUTING AREA <input type="checkbox"/> OTHER		TYPE OF POSITION <input checked="" type="checkbox"/> BARGAINING UNIT <input checked="" type="checkbox"/> FULL-TIME <input checked="" type="checkbox"/> PERMANENT APPOINTMENT <input checked="" type="checkbox"/> INCUMBENT IS SUBJECT TO RANDOM DRUG TESTING <input type="checkbox"/> NONBARGAINING UNIT <input type="checkbox"/> PART-TIME <input type="checkbox"/> TEMPORARY APPOINTMENT <input type="checkbox"/> NOT TO EXCEED	
ORGANIZATION LOCATION Office of Nuclear Reactor Regulation Division of Engineering Elec. & Instrumentation & Controls Branch			NAME OF IMMEDIATE SUPERVISOR E.C. Marinos			
DUTY LOCATION Rockville, MD		TRAVEL REQUIREMENTS Occasional				

APPLICATION INSTRUCTIONS: COMPLETE AND SUBMIT THE FOLLOWING TO THE ADDRESS SPECIFIED AT THE BOTTOM OF THIS PAGE. (Use the Vacancy Announcement Number in all correspondence.)

1. AN UPDATED SPOT PERSONAL QUALIFICATIONS STATEMENT OR APPLICATION FOR GOVERNMENT EMPLOYMENT OR RESUME
2. AN NRC FORM 114, VACANCY APPLICATION STATUS NOTICE (NRC applicants only)
3. A COPY OF YOUR CURRENT PERFORMANCE APPRAISAL OR A SIGNED STATEMENT THAT IT IS NOT AVAILABLE
4. NRC APPLICANTS (ONLY); FOUR COPIES OF APPLICATION MATERIALS REQUESTED.
5. THE NRC IS A ZERO-TOLERANCE AGENCY WITH RESPECT TO ILLEGAL DRUG USE.
6. OTHER (Specify).

NOTICE: APPLICATIONS MAY BE REFERRED TO THE RATING ENTITY A MINIMUM OF SIXTEEN (16) CALENDAR DAYS AFTER OPENING DATE.

NONBARGAINING UNIT POSITIONS ONLY. CANDIDATES WHOSE PRESENT PROMOTION POTENTIAL DOES NOT EXCEED THE POTENTIAL OF THIS VACANCY MAY NOT BE SUBJECT TO RATING PROCEDURES AND MAY BE REFERRED DIRECTLY TO THE SELECTING OFFICIAL.

DUTIES OF POSITION (If this position is announced at multiple grade levels, these duties describe the full performance level; at lower grade levels the duties may vary slightly and will be performed under somewhat closer supervision.)

**** THIS POSITION IS BEING REISSUED TO EXTEND THE CLOSING DATE ******SALARY RANGE: \$74,697 - \$97,108 (based on 2001 pay scales)**

Incumbent conducts reviews of computer driven instrumentation and control and software engineering aspects of nuclear safety. Also directs and coordinates research activities conducted by consultants or other NRC

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QUALIFICATIONS REQUIRED (If the position is announced at multiple grade levels, these qualifications describe the full performance level, unless otherwise specified. The position description, immediate supervisor, and/or NRC Manual chapter and Appendix 4108 can be consulted for more detailed qualification requirements and/or interpretation of qualifying experience.)

Candidates meet the basic qualifications required by:

(1) Having at least one year's experience at the next lower grade level in one of the occupational series listed above or in another series performing like or similar duties; AND

(2) Possessing knowledge of the theory, principal and practices in

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RATING FACTORS (Applicants are strongly encouraged to submit a statement addressing the Rating listed below.)

APPLICANTS MUST ADDRESS THE RATING FACTORS LISTED BELOW.

1. Experience applying expert knowledge in the theory and current practices related to the design, operations, control, and safety of commercial nuclear power generation with emphasis on instrumentation and control systems.

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FOR ADDITIONAL INFORMATION CONTACT

Alison Hoffman**Email: AXH****Mail Stop: 03E17A**

TELEPHONE

AREA
CODE
301

NUMBER

415-3830

SEND APPLICATION MATERIALS TO:

<input checked="" type="checkbox"/> Human Resources Services & Operations Office of Human Resources	<input type="checkbox"/> Region I Personnel Officer	<input type="checkbox"/> Region II Personnel Officer	<input type="checkbox"/> Region III Personnel Officer	<input type="checkbox"/> Region IV Personnel Officer
U.S. Nuclear Regulatory Commission Washington, D.C. 20555	U.S. Nuclear Regulatory Commission 475 Allendale Road King of Prussia, PA 19406	U.S. Nuclear Regulatory Commission 61 Forsyth Street, SW (23785) Atlanta, GA 30303	U.S. Nuclear Regulatory Commission 801 Warrenville Road Lisle, IL 60532	U.S. Nuclear Regulatory Commission 611 Ryan Plaza Drive, Suite 400 Arlington, TX 76011

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(Continuation)

		PAGE	OF
ANNOUNCEMENT NUMBER	OPENING DATE	CLOSING DATE (close of business)	EXPIRATION DATE (For "Open Until Filled" vacancies, remove posting on this date)
R0150029	03/26/01	O-U-F	03/30/02

DUTIES OF POSITION - CONTINUED

offices on behalf of the Office of Nuclear Reactor Regulation.

QUALIFICATIONS REQUIRED - CONTINUED

electrical or electronic engineering, mathematical science or related field as evidenced by a bachelor's degree in such fields or equivalent combination of education, training and experience.

All candidates must also have specialized experience in nuclear plant design and operation, research applied to the operation of complex, hazardous technologies, and digital instrumentation and control system design analysis and operation.

RATING FACTORS - CONTINUED

(EXAMPLE: Describe education, training, and experience which demonstrates your ability in the listed areas. Provide examples of actions you have taken in regard to the adequacy of systems, components, and equipment in commercial nuclear power plants.)

2. Demonstrated knowledge of digital technology applied to real-time systems, hardware and software sufficient to evaluate design and operation of reactor control and instrumentation systems.

(EXAMPLE: Describe experience and proficiency in control and monitoring of critical systems with emphasis on system analysis, system requirements, interfaces, hardware, software, process dynamics and the factors related to plant safety.)

3. Demonstrated ability to define, analyze, and resolve research for complex digital instrumentation and control issues found in nuclear power plants.

(EXAMPLE: Describe professional experience with problem identification and resolution and give instances where your problem solving and conflict resolution skills were demonstrated.)

4. Demonstrated ability to manage technical research projects related to the safe operation of commercial nuclear power generation.

(EXAMPLE: Describe specific training, education, and experience that

CONTINUED ON NEXT PAGE

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(Continuation)

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RATING FACTORS - CONTINUED

demonstrates your knowledge of the basic components of the technical and administrative aspects of project management. Provide specific examples of your ability to review, coordinate, and manage the activities of a project within schedule and resource limitations, and establish effective interactions with technical individuals to accomplish common objectives, and consolidate complex and assorted opinions. Describe your ability to manage the activities of staff engaged in the evaluation of a variety of nuclear operations. Give an indication of the approximate number, type and complexity of the projects in which you have been involved.)

5. Demonstrated ability to communicate clearly, both orally and in writing on technical issues in a sound and logical fashion.

(EXAMPLE: Describe the types of writing you routinely generate. Describe the oral briefings you have made to whom, at what level, and for what purpose. Describe the opportunities you have had to be a lead author, presenter or briefer on a technical or regulatory issue.)

NOTE: Breadth, recency and length of experience in the field; training, awards and commendations; past and current performance; and community or outside professional activities will be considered as they relate to each of the above factors to determine the level of knowledge, skill, or ability of candidates.

PLEASE NOTE: Veterans who are preference eligibles or who have been separated from the armed forces under honorable conditions after three years or more of continuous active service may apply. Veterans must submit a DD-214 or other acceptable evidence as proof of veteran status.

PLEASE NOTE: Current/reinstatement eligible Federal employees with status (Tenure Group 1 or 2) will be considered through merit promotion procedures under this announcement and must submit a copy of SF-50 (Notification of Personnel Action) to verify competitive status or reinstatement eligibility. Status applicants who wish to be considered under both merit promotion and competitive procedures must submit two (2) complete application packages. When only one (1) application is received, it will be considered under the merit promotion announcement only.

REASONABLE ACCOMMODATIONS WILL BE MADE FOR QUALIFIED APPLICANTS OR EMPLOYEES WITH DISABILITIES, EXCEPT WHEN DOING SO WOULD POSE AN UNDUE HARDSHIP ON THE EMPLOYING AGENCY.

CONTINUED ON NEXT PAGE

CAREER OPPORTUNITY ANNOUNCEMENT
(Continuation)

		PAGE OF	
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RATING FACTORS - CONTINUED

EXECUTIVE AGENCIES ARE PROHIBITED FROM ACCEPTING OR CONSIDERING APPLICANTS FOR COMPETITIVE APPOINTMENTS OR POSITIONS BASED ON POLITICAL RECOMMENDATIONS FROM MEMBERS OF CONGRESS, CONGRESSIONAL EMPLOYEES, ELECTED STATE OR LOCAL GOVERNMENT OFFICIALS, AND POLITICAL PARTY OFFICIALS. SUCH OFFICIALS MAY ONLY SUPPLY STATEMENTS REGARDING THE CHARACTER AND RESIDENCE OF THE APPLICANT.